

**TABLE 15-1
UNIT LIGHTING POWER ALLOWANCE (LPA)**

Use¹	LPA² (W/ft²)
Painting, welding, carpentry, machine shops	2.30
Barber shops, beauty shops	2.00
Hotel banquet/conference/exhibition hall ^{3,4}	2.00
Laboratories (see also office and other appropriate categories)	1.80
Aircraft repair hangars	1.50
Cafeterias, fast food establishments ⁵	1.50
Factories, workshops, handling areas	1.50
Gas stations, auto repair shops ⁶	1.50
Institutions	1.50
Libraries ⁵	1.50
Nursing homes and hotel/motel guest rooms	1.50
Retail ¹⁰ , retail banking	1.50
Wholesale stores (pallet rack shelving)	1.50
Mall concourses	1.40
School buildings (Group E occupancy only, school classrooms, day care centers)	((1.35)) 1.20
Laundries	1.20
Medical offices, clinics ¹²	1.20
Atria (atriums)	1.00
Assembly spaces ⁹ , auditoriums, gymnasias ⁹ , theaters	1.00
Group R-1 and R-2 common areas	1.00
Office buildings, office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches) ^{5,7,11}	1.00
Police and fire stations ⁸	1.00
Process plants	1.00
Restaurants/bars ⁵	1.00
Locker and/or shower facilities	0.80
Warehouses ¹¹ , storage areas	0.50
Aircraft storage hangars	0.40
Parking garages	See Section 1532
Plans Submitted for Common Areas Only⁷	
Main floor building lobbies ³ (except mall concourses)	1.20
Common areas, corridors, toilet facilities and washrooms, elevator lobbies	0.80

Footnotes For Table 15-1

1. In cases in which a general use and a specific use are listed, the specific use shall apply. In cases in which a use is not mentioned specifically, the Unit Lighting Power Allowance shall be determined by the building official. This determination shall be based upon the most comparable use specified in the table. See Section 1512 for exempt areas.
2. The watts per square foot may be increased, by 2% per foot of ceiling height above 20 feet, unless specifically directed otherwise by subsequent footnotes.
3. The watts per square foot of room may be increased by 2% per foot of ceiling height above 12 feet.
4. For all other spaces, such as seating and common areas, use the Unit Lighting Power Allowance for assembly.
5. The watts per square foot of room may be increased by 2% per foot of ceiling height above 9 feet.
6. See Section 1532 for exterior lighting.
7. For conference rooms and offices less than 150 ft² with full-height partitions, a Unit Lighting Power Allowance of 1.20 w/ft² may be used.
8. For the fire engine room, the Unit Lighting Power Allowance is 1.00 W/ft².
9. For indoor sport tournament courts with adjacent spectator seating, the Unit Lighting Power Allowance for the court area is 2.60 W/ft² provided that there is a manual dimmer or at least two additional steps of lighting control in addition to off.
10. **Display window illumination installed within 2 feet of the window, provided that the lighting is fitted with LED, tungsten halogen, fluorescent or high intensity discharge lamps and that the display window is separated from the retail space by walls or at least three-quarter-height partitions (transparent or opaque) and lighting for free-standing display where the lighting moves with the display are exempt.**

An additional 1.5 W/ft² of merchandise display luminaires are exempt provided that they comply with all three of the following:

 - a. located on ceiling-mounted track or directly on or recessed into the ceiling itself (not on the wall),
 - b. adjustable in both the horizontal and vertical axes (~~(((vertical axis only is acceptable for)))~~ fluorescent and other fixtures with two points of track attachment are acceptable with vertical axis only),
 - c. fitted with LED, tungsten halogen, fluorescent or high intensity discharge lamps.

This additional lighting power is allowed only if the lighting is actually installed.
11. Provided that a floor plan, indicating rack location and height, is submitted, the square footage for a warehouse may be defined, for computing the interior Unit Lighting Power Allowance, as the floor area not covered by racks plus the vertical face area (access side only) of the racks. The height allowance defined in footnote 2 applies only to the floor area not covered by racks.
12. Medical and clinical offices include those facilities which, although not providing overnight patient care, do provide medical, dental, or psychological examination and treatment. These spaces include, but are not limited to, laboratories and treatment centers.